Patent Attorney's Docket No. H1419

## HE UNITED STATES PATENT AND TRADEMARK OFFICE

In re	Patent A	pplication of	)		
Bin Y	u et al.		)	Group Art Unit: 2826	
Appli	ication N	Io.: 10/633,504	) ) )	Examiner: F. Abraham	
Filed	: Augus	t 5, 2003	)		
For:	IN SEI DEVIC	ING CARRIER MOBILITY MICONDUCTOR CES TO ACHIEVE ALL DESIGN GOALS	) ) )		
		AMENDMENT/REPL	Y TR	ANSMITTAL LETTER	
Custo Rand 401 I	omer Ser olph Bui Dulany S	_	dmen	t	
	Enclo	sed is a reply for the above-ider	ntified	patent application.	
		A Petition for Extension of Time is also enclosed.			
		A Terminal Disclaimer and a check for \$\infty\$ \$65.00 \$\infty\$ \$130.00 to cover the requisite Government fee are also enclosed.			
		A Request for Continued Examination under 37 C.F.R. § 1.114 is enclosed.			
		A request for Entry and Consists also enclosed.	iderati	ion of Submission under 37 C.F.R. §	1.129(a)

Amendment/Reply Transmittal Letter Application Serial No. 10/633,504 Attorney's Docket No. H1419 Page 2

$\boxtimes$	No additional claim fee is required.
	An additional claim fee is required, and is calculated as shown below:

	No. of Claims	Highest No. Of Claims Previously Paid For	Extra Claims	Rate	Additional Fee
Total		Minus		x \$50.00 =	
Claims					
Ind.		Minus		x \$200.00 =	
Claims					
If Amendr	nent adds mul	tiple dependent cla	aims, add \$360	.00	
Total Ame	endment Fee				
If Small en	ntity status is	claimed, subtract 5	0% of Total A	mendment Fee	
TOTAL	ADDITIONA	L FEE DUE FOR	THIS AMEN	IDMENT	

A claim fee in the	e amount of \$	is enclosed.
Charge \$	to Deposit Account n	o. 50-1070.

To the extent necessary, a petition for an extension of time under 37 C.F.R. § 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 50-1070 and please credit any excess fees to such deposit account.

The Commissioner is hereby authorized to charge any other appropriate fees that may be required by this paper that are not accounted for above, and to credit any overpayment, to Deposit Account No. 50-1070.

Respectfully submitted,

HARRITY & SNYDER, L.L.P.

By:

Glenn Snyder Reg. No. 41,428

11240 Waples Mill Road Suite 300 Fairfax, Virginia 22030 (571) 432-0800

Customer Number: 45114

Date: October 12, 2005



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of	)
Bin Yu et al.	) Group Art Unit: 2826
Application No.: 10/633,504	) Examiner: F. Abraham
Filed: August 5, 2003	)
For: VARYING CARRIER MOBILITY IN SEMICONDUCTOR DEVICES TO ACHIEVE OVERALL DESIGN GOALS	) ) ) )
U.S. Patent and Trademark Office Customer Window, Mail Stop Amendment Randolph Building 401 Dulany Street Alexandria, VA 22314	
Sir:	

## **AMENDMENT**

In response to the Office Action dated July 13, 2005, please amend the application as follows.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 8 of this paper.